

Thousands	Hundreds	Tens	Ones	●	Tenths	Hundredths	Thousandths
1,000	100	10	1	●	0.1 $\frac{1}{10}$	0.01 $\frac{1}{100}$	0.001 $\frac{1}{1000}$
10^3	10^2	10^1	10^0	●	10^{-1}	10^{-2}	10^{-3}
<i>kilometer</i>	<i>hectometer</i>	<i>dekameter</i>	<i>meter</i>	●	<i>decimeter</i>	<i>centimeter</i>	<i>millimeter</i>
1000 meters	100 meters	10 meters	1 meter	●	$\frac{1}{10}$ meter	$\frac{1}{100}$ meter	$\frac{1}{1000}$ meter
				●			
				●			
				●			
				●			

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1000 meters	100 meters	10 meters	1 meter	●	$\frac{1}{10}$ meter	$\frac{1}{100}$ meter	$\frac{1}{1000}$ meter
				●			

Thousands

1,000

10^3

Kilometer (km)

1000 meters

Hundreds

100

10^2

Hectometer (hm)

100 meters

Tens

10

10^1

Dekameter (dam)

10 meters

Ones

1

10^0

meter (m)

1 meters

Tenths

0.1 $\frac{1}{10}$

10^{-1}

decimeter (dm)

$\frac{1}{10}$ meter

Hundredths

$$0.01 \qquad \frac{1}{100}$$

$$10^{-2}$$

centimeter (cm)

$$\frac{1}{100} \text{ meter}$$

Thousandths

0.001 $\frac{1}{1000}$

10^{-3}

millimeter (mm)

$\frac{1}{1000}$ meter

Thousands

1,000

10^3

Kilometer (km)

1000 meters

Hundreds

100

10^2

Hectometer (hm)

100 meters

Tens

10

10^1

Dekameter (dam)

10 meters

Ones

1

10^0

meter (m)

1 meters

Tenths

0.1 $\frac{1}{10}$

10^{-1}

decimeter (dm)

$\frac{1}{10}$ meter

Hundredths

$$0.01 \quad \frac{1}{100}$$

$$10^{-2}$$

centimeter (cm)

$$\frac{1}{100} \text{ meter}$$

Thousandths

0.001

$\frac{1}{1000}$

10^{-3}

millimeter (mm)

$\frac{1}{1000}$ meter